

AWIPS PATCH OR OTHER MODIFICATION NOTE 25

(for Electronics Systems Analysts, Information Technology Officers, & AWIPS Focal Points)
Maintenance, Logistics, and Acquisition Division

W/OPS12: JCS/KS

SUBJECT:	Deactivate AWIPS Verification Program (AVP)
PURPOSE:	Prevent AVP from running at forecast offices.
EQUIPMENT AFFECTED:	AWIPS Data Servers (DS).
PARTS REQUIRED:	None.
SECURITY LEVEL:	root
EFFECTIVITY:	All National Weather Service (NWS) Weather Forecast Offices (WFO), River Forecasting Centers (RFC), and Regional Headquarters (RHQ) must implement this change.
ESTIMATED TIME REQUIRED:	15 Minutes
EFFECT ON OTHER INSTRUCTIONS:	None.
AUTHORIZATION:	The authority for this modification is Request for Change AC441 [originator's tracking number: SEC_A100658].
VERIFICATION STATEMENT:	These deactivation procedures were tested at WFOs Austin/San Antonio, TX (EWX), Jacksonville, FL (JAX), Little Rock, AR (LZK), and New York City, NY (OKX).
TECHNICAL SUPPORT:	For questions or problems regarding these deactivation instructions, contact the SST at 301-713-1724.

GENERAL:

NEED FOR CHANGE

The AVP is no longer needed by NWS WFOs to prepare their verification data. As a result, the verification data processing role of AVP, which runs twice daily, should be deactivated. An AVP function will still be needed to acquire and manage decoding of Meteorological Aviation Report (METAR) data for the Climate program.

PROPOSED SOLUTION

To deactivate the verification processing function of AVP, each site will run a script that
1) comments out the appropriate entries in the fxa crontab; 2) disables the site's ability to
manually run AVP, and 3) stops and restarts the fxa crontab.

PROCEDURE:

This modification note turns off AVP by deactivating the program's crontab on both DS1 and DS2 by commenting out its entry in the following files:

```
/awips/fxa/bin/ingest.crontab.ds1  
/etc/cmcluster/crons/fxa/ds1.dsswap  
/etc/cmcluster/crons/fxa/ds2.dsswap
```

To prevent manual running of AVP, the script removes execute permissions on the following file:

```
/awips/adapt/verification/bin/Linux/verifSetup.tcl
```

1. On a workstation, open a telnet window and log in as *root*. In the telnet window, rlogin to the DS1 server as root by entering the command:

```
rlogin ds1
```

2. Change to the "/tmp" directory by entering the command:

```
cd /tmp
```

If not available, contact Wayne Martin of the SST at 301-713-1724.

3. Start the deactivation script:

```
./fixAVP.sh
```

4. Exit the root login and close the telnet window by entering the commands:

```
exit  
exit
```

NOTE: If your site uses a locally developed application such as *postpro_CCF.sh* to get forecasts into the AVP, you will need to disable this program as well.

If your site has made changes to */etc/cmcluster/crons/fxa/ds1.swap* that are not in */awips/fxa/bin/ingest.crontab.ds1* then you will need to reload *ds1.swap* into the *fxa* crontab.

REPORTING INSTRUCTIONS:

Report the completed software installation using the Engineering Management Reporting System (EMRS) according to the instructions in NWS Instruction 30-2104, Maintenance Documentation, Part 4, and Appendix F. Include the following information on the EMRS Report:

Block #	Block Type	Information
5	Description	Deactivate AWIPS Verification Program (AVP)
7	Equipment Code	AWIPS
8	Serial Number	001
15	Comments	Deactivated the program AVP.
17a	Mod. No.	SP25

A sample EMRS report is provided as attachment A.

Mark S. Paese
Director, Maintenance, Logistics, and Acquisition Division

Attachment A - EMRS Report Sample

Attachment A - EMRS Report Sample

A26 Detail Form - ESCM2, SILVER SPRING, MD :: JOHN MERHI - Microsoft Internet Explorer

New A26 Commit A26 Place on Hold Copy A26 Delete A26 Detail Report Document Summary Help

GENERAL INFORMATION

NEW RECORD WFO* DVN Document No.* DVN41018000

1. Open Date: 10/18/2004 Open Time: 09:00 2. Op Initials: WSH 3. Response Priority: ☐ Immediate ☐ Low ☐ Routine ☒ Not Applicable 4. Close Date: 10/18/2004 Close Time: 09:15

5. Maintenance Description: 457 characters left AWIPS
Deactivate AWIPS Verification Program (AVP)

EQUIPMENT INFORMATION

6. Station ID*: DVN 7. Equipment Code: AWIPS 8. Serial Number: 001 9. TM: M 10. AT: M 11. How Mal: 999

Alert: Time Remaining: (For Block 12 use only)

13. PARTS USAGE and CONFIGURATION MANAGEMENT REPORTING

ASN	Vendor Part No. (New Part)	Serial Number (Old Part)	Serial Number (New Part)	
				New Row
				Delete Row

14. WORKLOAD INFORMATION

a. Routine	b. Non-Routine	c. Travel	d. Misc	e. Overtime
Hours Minutes	Hours Minutes	Hours Minutes	Hours Minutes	Hours Minutes
			15	

MISCELLANEOUS INFORMATION

15. Maintenance Comments: 706 characters left
Deactivated AWIPS Verification Program (AVP)

16. Tech Initials: WSO

17. SPECIAL PURPOSE REPORTING INFORMATION

a. Mod No.	b. Mod Act/Deact Date	c. Block C	d. Trouble Ticket No.	e. Block E
SP25	10/18/2004			

Commit A26 Place on Hold Copy A26 New A26 Cancel

Done Internet